NEC

NEC recommends Microsoft® Windows® XP Professional

PowerMate VL6

Latest Technologies at an Affordable Price

- Next Generation Business Desktop
- Platform stability
- Ease of manageability
- Configurations Built On Demand

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PROCESSOR
Intel® Celeron® D335 and above
Intel® Pentium® 4 P515 and above
Socket LGA 775
256KB internal cache for Celeron™
1024KB internal cache for Pentium® 4

OPERATING SYSTEM
Microsoft® Windows® XP Professional
Microsoft® Windows® XP Home
Microsoft® Office 2003 Basic, SBE or Pro (optional)

ARCHITECTURE & MOTHERBOARD
Micro ATX Format
Intel® i915GV Chipset
Processor Bus at 533 / 800MHz

BIOS
DMI 2.3 Compatible
Upgradeable by flash

MEMORY
From 256MB to 4GB DDR
Memory Speed at 400MHz
ECC not supported
4 DDR DIMM slots, Dual Channel supported

STORAGE
Floppy Disk 1.44MB (3.5") - Optional on Slim
Ultra ATA 100 and SATA HDD controller
From 40GB to160GB SATA Hard Drive 7200rpm

OPTICAL DEVICES
CD-ROM 48X
DVD-ROM 48X/16X
Combo Drive DVD-ROM/CD-RW 48X/24X/48X/16X
DVDR+9 8X

VIDEO
Integrated Intel® Graphics Media Accelerator 900®
Up to 128MB shared memory
Optional DVI-D BOARD PCI-e 4x*
*Low Profile in Slim chassis

SOUND
Integrated, Audio Software Compatible AC97

NETWORK
Integrated Gigabit network connection with support for Wake On LAN
Optional Gigabit PCI Express 1X with support for Alert Standard Format (ASF 2.0)

SECURITY
HDD Recovery Tool included (NEC Instant Recovery)
2 Level password (Administrator and User)
Anti-theft ring
Kensington lock hole
Anti-theft for keyboard and mouse
Intrusion switch
Integrated hardware monitoring ASIC
Optional Solenoid

I/O PORTS
6 Ports USB 2.0 (4 at rear and 2 at front)
2 additional USB ports (Optional)
1 serial port + 1 optional
1 parallel port ECP/EPP
1 mouse port / 1 keyboard port
1 SVGA video port
Audio In/Out ports: 1 mic in, 1 line in, 1 line out
1 RJ45 Port

POWER SUPPLY
Slim: 220V AC - 50/60Hz - 250W
Desktop: 220V AC - 50/60Hz - 280W
Micro Tower: 220V AC - 50/60Hz - 315W
Soft On/Off - Wake On LAN supported

PHYSICAL SPECIFICATIONS
Slim: 100 X 407 X 348 mm (W X D X H)
Desktop: 370 X 431 X 131 mm (W X D X H)
Micro Tower: 181 X 402 X 384 mm (W X D X H)
Sizes indicated are in primary usage condition
(tower for small form factor)
Sizes indicated are overall (includes feet, rear locks ...)

SOFTWARE
Norton Antivirus 2004 (90 days)
EasyCrypto Delux
NEC Instant Recovery

CERTIFICATIONS
Vendor Certifications: WLP 2.0 compliant, Linux Red Hat (tested)
Mandrake 10.1 certification

WARRANTY
3 years on site standard warranty

REGULATORY & SAFETY
Regulatory compliance: CE Mark, EN 55022 B, EN 50082-1, EN 60950

MONITORS
NEC CRT FC17 Flat Screen
(17", VIS 15.7", 0.27mm dp)
NEC LCD LC15m with integrated speakers
(15",15" VIS)
NEC LCD LC17m with integrated speakers
(17", 17" VIS)

NEC ULTRACARE SOLUTIONS
Various Service Packages available
- Desktop installation and deployment
- Extended warranties
- Data Transfer
- Network connection
Please contact us for more information

BAYS
Slim chassis:
1 X 5.25" External bay
1 X 3.5" External bay (Optional FDD)
1 X 3.5" Internal bay (Used by HDD)
Desktop chassis:
2 X 5.25" External bays
1 X 3.5" External bay (Used by FDD)
2 X 3.5" Internal bays (1 used by HDD)
Micro Tower chassis:
2 X 5.25" External bays
2 X 3.5" External bays (1 Used by FDD)
2 X 3.5" Internal bays (1 used by HDD)

CONNECTORS
1 PCI Express 4X, 1 PCI Express 1X, 2 PCI
(Low Profile in Slim Chassis)

Latest technologies for performance improvement

The PowerMate VL6 features the latest generation of Intel® chipset i915GV and the Intel® Pentium® 4 800MHz FSB processors. The PowerMate VL6 integrates Serial ATA connectors; Dual Channel DDR and Gigabit network for increasing productivity in large accounts.

Integrated Graphics

PowerMate VL6 features the Intel® Graphics Media Accelerator 900 (3rd generation of Intel® integrated graphics), providing astonishing 2D and 3D graphics.

Increased Manageability

All PowerMate chassis have easy to access component capabilities and tooless features. In addition, NEC provides a simple, fast and flexible system recovery tool (full MS Windows recovery in less than 10 minutes pressing F11).

NEC recommends Microsoft® Windows® XP Professional for Business

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